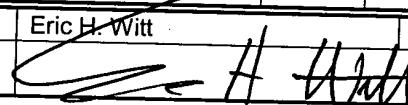
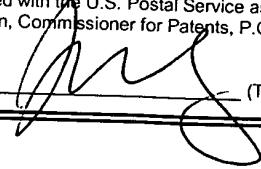


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19704 U.S. PTO  
1910/661165  
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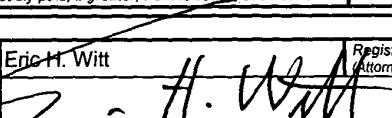
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		<b>Attorney Docket No.</b> 543312000420												
		<b>First Inventor</b> Ravinder S. DHALLAN												
		<b>Title</b> METHODS FOR DETECTION OF GENETIC DISORDERS												
		<b>Express Mail Label No.</b> EV336629286US												
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>MS Patent Application</b>												
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (2 pages) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 340] <i>(preferred arrangement set forth below)</i>            - Descriptive title of the invention            - Cross Reference to Related Applications            - Statement Regarding Fed sponsored R &amp; D            - Reference to sequence listing, a table, or a computer program listing appendix            - Background of the Invention            - Brief Summary of the Invention            - Brief Description of the Drawings (if filed)            - Detailed Description            - Claim(s)            - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 33]</p> <p>5. Oath or Declaration [Total Sheets ]            a. <input type="checkbox"/> Newly executed (original or copy)            b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>            i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i></p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (2 pages)</p> <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  <input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input checked="" type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: PCT/US03/06198</p>		<b>ADDRESS TO:</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450												
<b>ACCOMPANYING APPLICATIONS PARTS</b>														
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>														
<b>19. CORRESPONDENCE ADDRESS</b>														
<p><input checked="" type="checkbox"/> Customer Number: 25226 OR <input type="checkbox"/> Correspondence address below</p> <table border="1"> <tr> <td>Name</td> <td>State</td> <td>Zip Code</td> </tr> <tr> <td>Address</td> <td></td> <td></td> </tr> <tr> <td>City</td> <td></td> <td></td> </tr> <tr> <td>Country</td> <td>Telephone</td> <td>Fax</td> </tr> </table> <p>Name (Print/Type) Eric H. Witt    Registration No. (Attorney/Agent) 44,408  Signature  Date September 11, 2003</p>			Name	State	Zip Code	Address			City			Country	Telephone	Fax
Name	State	Zip Code												
Address														
City														
Country	Telephone	Fax												

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV336629286US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 9/11/03    Signature:  (Tamara Alcaraz)

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<b>FEE TRANSMITTAL for FY 2003</b>		<b>Complete if Known</b> Application Number      Not Yet Assigned Filing Date      Concurrently Herewith First Named Inventor      Ravinder S. DHALLAN Examiner Name      Not Yet Assigned Art Unit      Not Yet Assigned Attorney Docket No.      543312000420			
Effective 01/01/2003. Patent fees are subject to annual revision.  <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
<b>TOTAL AMOUNT OF PAYMENT</b>		(\$)		3611.00	
<b>METHOD OF PAYMENT (check all that apply)</b>				<b>FEE CALCULATION (continued)</b>	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None  <input checked="" type="checkbox"/> Deposit Account				<b>3. ADDITIONAL FEES</b>	
Deposit Account Number      03-1952  Deposit Account Name      Morrison & Foerster LLP				Large Entity      Small Entity Fee Code      Fee (\$)      Fee Code      Fee (\$)      Fee Description      Fee Paid 1051      130      2051      65      Surcharge - late filing fee or oath 1052      50      2052      25      Surcharge - late provisional filing fee or cover sheet. 1053      130      1053      130      Non-English specification 1812      2,520      1812      2,520      For filing a request for ex parte reexamination 1804      920*      1804      920*      Requesting publication of SIR prior to Examiner action 1805      1,840*      1805      1,840*      Requesting publication of SIR after Examiner action 1251      110      2251      55      Extension for reply within first month 1252      410      2252      205      Extension for reply within second month 1253      930      2253      465      Extension for reply within third month 1254      1,450      2254      725      Extension for reply within fourth month 1255      1,970      2255      985      Extension for reply within fifth month 1401      320      2401      160      Notice of Appeal 1402      320      2402      160      Filing a brief in support of an appeal 1403      280      2403      140      Request for oral hearing 1451      1,510      1451      1,510      Petition to institute a public use proceeding 1452      110      2452      55      Petition to revive - unavoidable 1453      1,300      2453      650      Petition to revive - unintentional 1501      1,300      2501      650      Utility issue fee (or reissue) 1502      470      2502      235      Design issue fee 1503      630      2503      315      Plant issue fee 1460      130      1460      130      Petitions to the Commissioner 1807      50      1807      50      Processing fee under 37 CFR 1.17(q) 1806      180      1806      180      Submission of Information Disclosure Stmt 8021      40      8021      40      Recording each patent assignment per property (times number of properties) 1809      750      2809      375      Filing a submission after final rejection (37 CFR 1.129(a)) 1810      750      2810      375      For each additional invention to be examined (37 CFR 1.129(b)) 1801      750      2801      375      Request for Continued Examination (RCE) 1802      900      1802      900      Request for expedited examination of a design application	
The Director is hereby authorized to: (check all that apply)  <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					
<b>FEE CALCULATION</b>					
<b>1. BASIC FILING FEE</b>					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$)		375.00	
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>					
		Extra Claims	Fee from below	Fee Paid	
Total Claims	336	-20** =	316	x	9.00 = 2844.00
Independent Claims	9	-3** =	6	x	42.00 = 252.00
Multiple Dependent			140.00	=	140.00
<b>SUBTOTAL (2)</b>		(\$)		3236.00	
*Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3)</b> (\$)					
0.00					
**or number previously paid, if greater. For Reissues, see above					

SUBMITTED BY					
Name (Print/Type)	Eric H. Witt		Registration No. (Attorney/Agent)	44,408	Telephone (650) 813-5755
Signature			Date	September 11, 2003	